

PROCEEDINGS OF THE  
ROYAL ENTOMOLOGICAL SOCIETY  
OF LONDON  
SERIES C. JOURNAL OF MEETINGS

VOLUME 24

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REPORT OF THE COUNCIL, 1959

As in previous years, the form and content of Council's Report is dictated to a large extent by the nature of the information which it is necessary to give to Fellows. 1959 has been a year of progress in the Society's affairs, although undramatic and punctuated by the printing dispute.

The steady rise in the Fellowship continues, the total now standing at 1348, an increase of 24 (41)\* for the year. This has resulted from the addition of 71 new Fellows, against which must be set the loss of 47 by death, resignation and the operation of Bye-Law XVI (3). Details of these losses and of the present Fellowship are set out in Appendix I. Three new Honorary Fellows were elected, Miss D. J. Jackson, Dr. A. M. Massee and Professor V. B. Wigglesworth.

The Society's main activity, the publication of its *Transactions*, *Proceedings* and *Handbooks for the Identification of British Insects*, has continued at approximately the level of previous years. The delay arising from the printing dispute in the summer has been overtaken and the 1959 printing programme was completed by 31st December. The increase in printing costs necessitated by the new agreement between the parties to the dispute will, it is hoped, be offset in 1960 by a slight change in the format of the *Transactions* and *Proceedings*, so that it should not be necessary to reduce the amount published.

The fifteen papers comprising Volume 111 of the *Transactions* appeared at intervals during the year and the *Proceedings* were continued in the usual three series. Two parts of the *Handbooks* were published in the autumn, one in Volume VII (Hymenoptera) giving keys to the subfamilies of the Ichneumonidae and to the genera and species of a section of the Ichneumoninae, and the other in Volume I dealing with the Mecoptera, Megaloptera and Neuroptera. Two further parts are in the press, one dealing with the Fulgoromorpha and the other completing the key to the subfamily Ichneumoninae. It was found necessary to print further copies of two of the earlier parts of which the stock was exhausted, experience having shown the need for the same sized edition of the earlier parts as for those more recently published. When this series was inaugurated the majority of regular orders came from individual entomologists; now, however, the pattern has changed and most of these orders come from public libraries, local natural history museums, the Agricultural Advisory Service and other large organisations. Synoptic details of the numbers of pages and papers published, and the subjects dealt with, are included as Appendix II of this Report.

\* The numbers in brackets are the corresponding figures for the previous year.



In the Library, the most important single accession has been a first selection of the works from the entomological library of Professor Sir Harry Champion. These volumes have enabled several long standing lacunae to be filled and they have a special interest for the Society in that they originate from the library of the late G. C. Champion, for many years the Society's Honorary Librarian.

The number of books and periodicals lent to Fellows and institutions has continued at approximately the same level as in previous years, the total number of loans being 1835 (1816), including 121 to the National Central Library and 7 to the Association of Special Libraries and Information Bureaux; the number of borrowers was 919 (918). For financial reasons rather fewer volumes were bound than in the previous year; it is hoped that financial adjustments will be possible in the not too distant future that will enable the arrears to be made good.

The Society is again indebted to the many Fellows who present copies of their works, both monographs and separates. The latter are of particular value to us, because postal loans form a large part of the library activity and the loan of a separate reduces the postal charges and the risk of losing a volume, and also means that a volume is not absent from the shelves.

Ten Ordinary Meetings were held during the year and the average attendance of 92 (82) was somewhat higher than in the previous year. A number of the meetings had a particularly wide appeal, and the attendance was naturally higher than at those catering for a very specialised interest. Although a large attendance is always gratifying, the very specialised papers must also have their place in our meeting activities, as well as in our publications, and it should not be forgotten that much of the enormous progress in entomology, as in other branches of science, has come from specialisation in ever narrowing fields or sections of knowledge. While appreciating this, Council is concerned lest the Society's activities become too split up into smaller and more specialised units. A committee has therefore been set up, under the chairmanship of Dr. J. S. Kennedy, to arrange a first symposium meeting to be held in 1961. The broad purpose of such symposia would be to maintain the coherence of entomology by integrating recent work on chosen subjects which would include different aspects of entomology and which would be of interest to entomologists in general.

The Finance and House Committee and the Publication and Library Committee have continued to take care of the detailed work of the Society under the chairmanship of Dr. C. G. Butler and Dr. B. M. Hobby respectively. The Committee for the Protection of British Insects has been reconstituted as the Conservation (Insect Preservation) Committee, and under the chairmanship of Dr. A. M. Massee maintains close contact with the Nature Conservancy's Entomological Liaison Committee.

In the death of Mr. Edelsten the Society has lost a valued link with the Committee of Management of Wicken Fen. A successor will shortly be appointed by Council.

No changes have taken place in the delegates representing the Society on permanent outside bodies. Mr. J. Balfour-Browne and Mr. P. F. Mattingly represented the Society at the York meeting of the British Association for the Advancement of Science.

The Institute of Biology, tenants of the fourth floor of the Society's house, have now taken over the fifth floor, an expansion made necessary by the increasing work of the Council for Nature and its newly formed Intelligence Unit.

The detailed record given above and in the Appendices to this Report shows continuing progress along existing lines. Some expansion of our activities seems desirable and the plan to hold symposia is a step in this direction.

## APPENDIX I—THE FELLOWSHIP

During the year 1959 the Society has lost 47 (45) Fellows. The detailed statement is as follows :

3 (1) *Honorary and 13 (12) Ordinary Fellows by death*

|                                    |              |
|------------------------------------|--------------|
| H. M. Edelsten (Honorary Fellow)   | P. Fenjves   |
| H. E. K. Jordan (Honorary Fellow)  | D. J. Gordon |
| Sir Guy Marshall (Honorary Fellow) | A. Musgrave  |
| J. I. Alfrey                       | G. Dick Read |
| E. G. Bayford                      | C. Sisley    |
| C. L. Collenette                   | H. D. Swain  |
| J. T. Davey                        | R. Verity    |
| R. E. Ellison                      | A. J. Wiley  |

18 (20) *Fellows by resignation*

|                  |                       |
|------------------|-----------------------|
| I. R. H. Allan   | W. J. Gray            |
| J. Armitt        | J. W. Hancock         |
| A. E. G. Best    | R. M. Handfield-Jones |
| W. R. Bett       | G. R. Hawthorne       |
| A. E. Blake      | C. A. Hobday          |
| T. W. F. Cameron | J. Hrbáček            |
| P. G. Fenemore   | B. D. Wragge Morley   |
| Mrs. P. Forsyth  | J. Risbec             |
| S. Gordon-Smith  | R. O. Stewart.        |

13 (12) *Fellows under Bye-Law XVI (3)*

|                |                 |
|----------------|-----------------|
| V. C. P. Almy  | J. W. Hughes    |
| S. Banerjee    | F. Dad Khan     |
| W. Bunting     | M. M. Megahed   |
| S. Chatterji   | M. S. Mani      |
| M. B. Georgala | D. M. Robinson  |
| R. L. Gupta    | I. E. Whitehead |
| R. Hammond     |                 |

During the year 82 (80) Fellows have been elected, of whom 59 had qualified by 31st December. 12 Fellows elected in 1958 completed the formalities in 1959, giving a total of 71 new Fellows. The number of Fellows on the List is 1348 (1324) (22 Honorary Fellows and 1326 Ordinary Fellows) with a further 23 to complete their obligation.



## APPENDIX II—THE PUBLICATIONS

The Publications for the year 1959 comprised 1158 pages. The detailed statement is as follows :

|                              | <i>Transactions</i><br>Volume 111<br>534 pages<br>4 plates | <i>Proceedings A</i><br>Volume 34<br>192 pages<br>2 plates | <i>Proceedings B</i><br>Volume 28<br>189 pages<br>3 plates |
|------------------------------|--|--|--|
| <i>Subjects dealt with</i>   | <i>Number of papers included</i>                           |  |  |
| Diptera . . . . .            | 5  | 8  | 9  |
| Coleoptera . . . . .         | 4  | 2  | 2  |
| Hymenoptera . . . . .        | 1  | 2  | 5  |
| Hemiptera . . . . .          | 1  | 3  | 3  |
| Lepidoptera . . . . .        | —  | 1  | 1  |
| Mallophaga . . . . .         | —  | —  | 1  |
| Orthoptera . . . . .         | 2  | 4  | 2  |
| Dermaptera . . . . .         | —  | 2  | —  |
| Collembola . . . . .         | 1  | —  | 1  |
| Isoptera . . . . .           | —  | —  | 1  |
| Trichoptera . . . . .        | —  | 2  | —  |
| Siphonaptera . . . . .       | —  | 1  | —  |
| Mecoptera . . . . .          | —  | —  | 1  |
| Corrodentia . . . . .        | 1  | —  | 1  |
| Ixodoidea . . . . .          | —  | 1  | —  |
| General Entomology . . . . . | —  | 2  | —  |
|                              | 15   | 28   | 27   |
|                              | —  | —  | —  |

*Proceedings, Series C. Journal of Meetings*

Volume 24, Nos. 1–10 have appeared in advance of the Ordinary Meetings. No. 11 will include the Annual Reports and Accounts and the volume will comprise about 80 pages.

*Handbooks for the Identification of British Insects*

Volume I, parts 12–13 : Mecoptera, Megaloptera and Neuroptera, by F. C. Fraser. 40 pages.

Volume VII, part 2 (*ai*) : Hymenoptera : Ichneumonoidea (part), by J. F. Perkins. 116 pages.

### TREASURER'S REPORT

We have before us the Balance Sheets and accounts of our Society for the year ended the 31st December, 1959, prepared by our Accountants, W. B. Keen & Company and certified by them.

I would like to start my comments by reminding you of our financial position at the end of the previous year—the year ended 31st December, 1958. We ended the year with an excess of expenditure over income of £1,250—well, we have ended this year with an excess of income over expenditure for the year of £1,299, so that if we take the two years together we break slightly better than even. In reports for previous years I have usually complimented the staff on good work done right at the end of the report, but this year I propose to congratulate our staff under the leadership of the Registrar on the successful outcome of a well-nigh superhuman task—right at the beginning of my report.

I propose to mention some of the factors which have contributed to this satisfactory position :—

Firstly, expenditure. This has been kept as low as it was possible to do, with the result that several items coming under House and Office expenses are substantially lower than for the previous year. This largely reflects a temporary retrenchment. We have also been able to make a £400 saving on printing costs during the year, although the new increased printing charges will largely neutralize this during the current year.

Now turning to our income. In our subscription account we are up by £75. We were able to recover £510 Income Tax in respect of covenanted subscriptions for the two years ended 5th April, 1957. Our interest on investments has increased by £133. Our rents and contributions to house expenses have increased by £134, due to our being able to lease the fifth floor of 41, Queen's Gate to the Council for Nature through the Institute of Biology. But most important of all, that most undependable item in our accounts, sales of publications, rose from £4,307 in 1958 to £6,827 this last year, an increase of £2,520. This volume of sales is easily a record for our Society, the increase being largely due to sales of back-numbers, and I feel I should mention a point which might elude some Fellows in contemplating these figures. I refer to the amount of handling work in sorting out the required parts going back, if need be, a hundred and twenty seven years. This is a colossal undertaking for our small staff who have many other duties to perform.

The position which has been outlined to you has enabled your Treasurer to put the Repairs and Improvements Fund into a healthy condition. The maintenance of our house, 41, Queen's Gate, is a heavy responsibility and although £900 is contributed by our tenants in rent and contributions to house expenses, we must maintain this house in first class decorative and structural repair—in these days a most expensive operation.

During the past year, during the deliberations of Council, it has become obvious that several substantial items of expenditure may have to be made during the current year and within the foreseeable future if the continued development of our Society is to be maintained, and if it is to maintain its position amongst the leading Entomological Societies of the world. I have therefore thought it only prudent to introduce a fund with the general name of Contingencies Fund and to place £1000 to its credit.



Now for the *Handbook of British Insects Fund*. Income from sales exceeded expenses of printing by £406, but, as we usually allocate a sum of £450 each year as proportion of salaries, stationery, etc., it means that there is an excess of expenditure over income of £44. I feel that this condition is bound to be repeated during the next two or three years as we reprint earlier parts for which there is only a comparatively low demand. These *Handbooks* continue to sell well and, as the unsold stock is not valued in our accounts, the position of the fund is really very satisfactory.

So far, everything I have had to say has been very pleasing to hear, I am sure Fellows will agree, but I want to conclude my report on a more solemn note. Fellows may recall that in previous years I have called attention to the very unsatisfactory position in our finances, in that part of our income fluctuates between wide limits (the sales of back numbers of our publications). It is very undesirable to place too much reliance on such a source of revenue when we have not always staff time available to devote that time and attention which such a task requires. It is conceivable that a serious decline in the sale of publications could take place which, if it continued for several years, could embarrass the Society. Moreover, if we want to follow up lines of development Council has in mind, we need more regular income, and the Finance Committee are at the moment discussing whether the time has not come when some increase in the annual subscription is inevitable if we are to maintain and improve our service to Fellows and to Entomology.





# STATEMENT OF INCOME AND EXPENDITURE for the Year ended 31st December, 1959 (continued)

## LIBRARY FUND

| INCOME                      |               | EXPENDITURE                               |                   |
|-----------------------------|---------------|---|-------------------|
| 1958                        | 1958          | 1958                                      | 1958              |
| £                           | £ s. d.       | £   | £ s. d.           |
| To Interest on Investment—  |               | By New Books                              | 409 15 2          |
| Hamilton Druce Bequest Fund | 34            | „ Binding, Repairs and Insurance          | 140 16 6          |
| „ Sale of Books             | 30            | „   |                   |
| „ General Fund—             |               | „ Transfer to Sales of Publications—Value | 550 11 8          |
| Transfer                    | 838           | of Exchanges                              | 500 0 0           |
| Ditto Value of Exchanges    | 500           | „ Excess of Income over Expenditure for   | 34 10 0           |
|                             | 1,338         | year carried to Balance Sheet             |                   |
|                             |               |   |                   |
|                             | <u>£1,402</u> |   | <u>£1,085 1 8</u> |

## REPAIRS AND IMPROVEMENTS FUND

| INCOME  |             | EXPENDITURE   |                 |
|---|-------------|---|-----------------|
| 1958  | 1958        | 1958  | 1958            |
| £   | £ s. d.     | £   | £ s. d.         |
| To General Fund—Transfer                                | 200         | By Repairs and Improvements                             | 189 4 0         |
| „ Excess of Expenditure over Income for year carried to | 378         | „ Excess of Income over Expenditure for year carried to | 610 16 0        |
| Balance Sheet   |             | Balance Sheet   |                 |
|   |             |   |                 |
|   | <u>£578</u> |   | <u>£800 0 0</u> |

## HANDBOOKS OF BRITISH INSECTS

| INCOME  |               | EXPENDITURE                                      |                    |
|---|---------------|--|--------------------|
| 1958  | 1958          | 1958   | 1958               |
| £   | £ s. d.       | £  | £ s. d.            |
| To Sales  | 1,107         | By Printing                                      | 982 14 0           |
| „ Excess of Expenditure over Income for year carried to | 283           | „ Proportion of Salaries, Stationery and Postage | 450 0 0            |
| Balance Sheet   |               |  |                    |
|   |               |  |                    |
|   | <u>£1,390</u> |  | <u>£1,432 14 0</u> |





## TRUST FUNDS

(Sgd.) N. E. HICKIN, Hon. Treasurer,

(Sgd.) W. B. KEEN & Co.,  
Chartered Accountants.

20th January, 1960,



## THE PRESIDENT'S REMARKS

LADIES AND GENTLEMEN,

During the year under review the Society has lost by death three Honorary and thirteen Ordinary Fellows.

KARL JORDAN died early in January and my predecessor spoke on his life and work at the last Annual Meeting.

GUY ANSTRUTHER KNOX MARSHALL, K.C.M.G., F.R.S., who died on 8th April 1959, aged 87, was elected a Fellow in 1895. He served on the Council in 1907-8, 1919-21, 1924-26, 1928-30, 1932-34, 1938-40, and 1945-47; and was Vice-President for the years 1919, 1924 and 1932.

He was born in India in 1871 and educated at Charterhouse, where he developed an interest in entomology. From 1895 to 1906, he worked with a firm of mining engineers in Salisbury, Southern Rhodesia, where his interest in natural history was stimulated by his surroundings, and, encouraged by Professor Poulton, he contributed classical papers on mimicry and protective resemblance to the *Transactions*.

In 1907 he was appointed Curator of the Sarawak Museum, but sudden illness prevented him from taking up this position, and in 1909 he was appointed Scientific Secretary to the new Entomological Research Committee (Tropical Africa). He initiated the publication of the *Bulletin of Entomological Research*, and of the *Review of Applied Entomology*, and due to his enthusiasm an Imperial Bureau of Entomology (now the Commonwealth Institute of Entomology) was established in 1913. Since then two other Institutes and ten Bureaux, covering all branches of agricultural science, have been modelled on it.

He played an important part as advisor on entomological matters to the Colonial Office between the two World Wars, and had a particular interest in tsetse fly research. In later years he developed an interest in commercial entomology and founded one of the first companies for pest control.

As well as these activities, he was distinguished for his work on the systematics of the family Curculionidae, on which he published over 200 papers including a volume in the *Fauna of British India* series.

He received many honours in recognition of his work, and after his retirement as director of the Commonwealth Institute of Entomology in 1942, continued to work daily at the British Museum until the time of his death.

HUBERT McDONALD EDELSTEN, O.B.E., who died on 2nd May, 1959, aged 81, was elected to the Society in 1902. He served on our Council from 1926-28 and 1937-39, and was Vice-President in 1927, 1937 and 1938. In 1947 he was made an Honorary Fellow.

An early friendship with a keen lepidopterist, E. A. Bowles, fostered a love of natural history and it was Bowles who introduced him to the entomology of the fens and broads which became his chief interest. Between 1903 and 1932, he published many papers on Lepidoptera culminating in a series of life histories of all the British *Nonagria*. Shortly after the 1914-18 War, the Committee for the Protection of British Insects was formed under the late W. G. Sheldon, and Edelsten became its secretary. In this capacity he did much to spread the realisation of the need to preserve our rarer species and, in collaboration with Sir John Fryer, prepared a list of localities worthy of preservation, which was later utilised by the Nature Conservancy.

In 1938, the Ministry of Agriculture appointed him to carry out a survey of the

waste areas round Tilbury Dock where it was thought the imported Colorado beetle might be feeding. On the outbreak of war the following year, he joined the staff of the Plant Pathology Laboratory of the Ministry of Agriculture, where he was concerned with the entomology of food crops.

Among his other publications are the "Lepidoptera of Cambridgeshire", in the Victoria County History; his revision of South's *Moths of the British Isles*, and his collaboration with Poulton, Hobby and Hemming in an account of eighteenth century popular names of British Lepidoptera.

His services to entomology were wide, and in recognition of them he was awarded the O.B.E. in 1947. He was for many years a member of the advisory panel of the *Entomologist*, and also served on the Executive Committee of the Society for the Promotion of Nature Reserves. In 1943 he took over the Wicken Fen fund on the death of W. G. Sheldon and, in addition to his other work, acted as Associate in Charge of the British Lepidoptera at the Natural History Museum.

J. I. ALFREY was born in 1898, elected a Fellow in 1938 and died on 11th March, 1959. An engineer by profession, he was from 1938 to 1956 resident in India, where most of his collecting was done. His chief interest lay in the study of Lepidoptera, in particular those of Papua and South America, and the Himalayan butterflies. He was for a time Secretary of the Bombay Natural History Society and also acted as a trustee of the Prince of Wales Museum, Bombay. In addition to entomology he was also keenly interested in horticulture and was a Fellow of the Royal Horticultural Society.

EDWIN GOLDTHORP BAYFORD, who died on 10th December, 1958 aged 93, had been a Fellow of the Society for fifty-one years. He was also the oldest member of the Yorkshire Naturalists' Union and for many years chairman of its Entomological Section.

As a boy he collected Lepidoptera, but the chance finding of a longhorn beetle in 1883 turned his attention to the Coleoptera, which remained his life-long interest, in particular the family Coccinellidae. His earliest note appeared in the *Entomologist* in 1887, but most of his writings are to be found in the *Naturalist* and the *Entomologist's Monthly Magazine*.

Throughout his life he lived in Yorkshire, where, besides his entomological activities, he took a keen interest in local history and literature on the county, of which he possessed a fine library. From 1920 he was also a member of the Yorkshire Dialect Society. His entomological collections are now housed in the Birmingham City Museum.

CYRIL L. COLLENETTE, who died on 2nd November, 1959 at the age of 71, became a Fellow of the Society in 1922. He served on our Council in 1934-36 and 1949-51, and as Vice-President in 1935. His early days spent near Epping Forest fostered a love of natural history and when, shortly before the 1914-18 War he went out to Malaya on business, he was able to make many interesting observations on the local fauna and flora. On his return to England in 1922, he formed an association with the British Museum, which lasted for over 30 years.

During the 1920's he took part in several important collecting expeditions. In 1924 he went as entomologist on board the "St. George", which spent over a year visiting various islands in the Pacific, including the Marquesas, Easter Island and Galapagos. His book *Seagirt Jungles* is an entertaining account of this voyage. In 1926, he spent several months exploring the hinterland of French Guinea, mainly on a bicycle, and this was followed by a trip to Matto Grosso the following year. Two years later, in 1929, he was sent to British Somaliland to take part in the Boundary Commission, and made a valuable collection of insects, but unfortunately contracted blackwater fever and had to return home.

From this time he devoted his attention to the study of the Lymantriidae,



on which group he became the recognised authority, and to building up the British Museum collection of these moths. King Leopold of the Belgians awarded him a special medal for his work on the material brought back from the Royal expedition to the East Indies.

In addition to this work he was for over 50 years an enthusiastic member of the London Natural History Society and helped in the compilation of *Birds of the London area from 1900*, which was published in 1957. He also worked on the Committee for Birds in the Royal Parks and in 1937 published *A History of Richmond Park*, including an account of its bird life, which he had studied while living in the vicinity.

JAMES THOMAS DAVEY, who died in an air crash at Bordeaux on 24th September 1959 at the early age of 36, was elected to the Society in 1955. He graduated at Bristol University, then took a diploma in agriculture at Cambridge, followed by a year at the Imperial College of Tropical Agriculture in Trinidad.

He first went to Africa in 1947 as an entomologist in the Department of Agriculture in Nigeria, where he investigated the ecology of certain biting flies (Tabanids and tsetse). The following year he began a detailed ecological study of the African Migratory Locust, paying particular attention to the region of Lake Chad, thought to be a possible outbreak area. In 1951 he accepted an invitation of the International African Migratory Locust Organisation to visit outbreak areas on the Niger and to extend investigations begun by others. An outcome of this mission was the establishment of a permanent research service of which he became director.

He travelled widely in Africa in the course of his duties and made extensive collections of grasshoppers and plants, which have added greatly to the knowledge of the fauna and flora of the French Sudan, particularly the Central Niger flood plains. His scientific work was published at frequent intervals, the most important being two very detailed papers on the ecology and seasonal population movements of the migratory locust in the Central Niger Delta, which he studied by mass marking and subsequent recovery of large numbers of adults. These papers form part of a planned series of three, but the typescript of the last part was lost with him when he died.

R. ELDON ELLISON, who died on 3rd September, 1959, was elected a Fellow in 1939. His career in the consular service took him to the Lebanon, Morocco, Abyssinia and Panama, where he made a study of the Lepidoptera. In 1939 his paper on "The Lepidoptera of the Lebanon", written in collaboration with E. P. Wiltshire, was published in the *Transactions*. While serving abroad, he assembled a collection of great importance, a substantial part of which came to the British Museum (Natural History), and he is regarded as one of the outstanding collectors of foreign Lepidoptera of the present century. Among several species named after him is the Lycaenid butterfly *Albulina ellisoni*.

PETER CHARLES FENJVES, who was elected to the Society in 1951, died in an air crash in Venezuela at the early age of 39, on 20th February last year. A Yugoslav, he studied in Switzerland and after receiving his diploma as agronomic engineer in 1941, held positions as assistant at the Entomological Institute in Zurich and the experimental station for fruits. In 1944 he returned to Yugoslavia and enlisted in the Army, working as an epidemiologist in co-operation with the U.S. Typhus Commission. In 1947 he left the country and spent some time in Hungary and France before arriving in Venezuela in 1948. There he was employed in the Department of Toxicology of the Ministry of Agriculture, and became head of the Division of Entomology in 1951. The same year he commenced work for a new insecticide plant in Maracay as technical manager, and in 1956 became general manager of the plant. In 1957 he was given leave to reorganise a cattle ranch in Venezuelan Guiana, where he was working at the time of his

death. His publications consist of papers on economic entomology, which appeared in Swiss and Venezuelan journals.

JOHN DOUGLAS GORDON, who died on 30th August, 1959, aged 58, was elected a Fellow in 1925. He worked as Clerk-Assistant at the House of Commons and in his spare time collected in Europe, where he travelled widely, and in this country, particularly the west coast of Scotland.

ANTHONY MUSGRAVE was born in Australia and died on 4th June, 1959 aged 63. He was elected a Fellow of this Society in 1922.

Throughout his career he worked at the Australian Museum, Sydney, as Assistant Entomologist from 1910 to 1920, and then as Curator of Insects until his death. His special interest lay in the Hemiptera, on which he published several papers, but he is best known for his *Bibliography of Australian Entomology, 1775-1930*.

GRANTLY DICK READ, M.A., M.D., who died in 1959 aged 69, was well known for his pioneer work on "natural childbirth", and was for more than twenty years the centre of medical controversy. He was elected a Fellow of the Society in 1946, and was a keen amateur entomologist.

CLAUDE SISLEY, who died on 18th November, 1959 aged 76, was a cousin of the painter Alfred Sisley. He was elected a Fellow in 1952. He joined the firm of Cuprinol Ltd. on its institution in this country, acting as technical advisor from 1933-56, and as consultant until his death. His chief interest lay in the wood-boring insects and also in wood preservation and destructive fungi, on which he published various papers in technical and other journals.

HUMPHREY DRUMMOND SWAIN was born in June 1902 and died in September 1959, when he was about to depart on a collecting expedition to Corsica. For 35 years he was science master at St. Paul's School. His interest in entomology was amateur and lay with the Lepidoptera, in particular the genera *Agrias* and *Prepona*. He published several papers in the *Entomologist's Gazette*, but he was best known as undoubtedly one of the finest entomological illustrators. Examples of his work are to be found in the "Wayside and Woodland" series, in the volumes on *Land and Water Bugs of the British Isles* and in the new two volume edition of South's *Moths of the British Isles*. Mr. Swain was also interested in photography and was a fine musician.

ROGER VERITY, M.D., who died in May 1959 at the age of 76, was the son of an Englishman who had settled in Italy, where Roger Verity himself obtained a medical degree and was for many years the leading doctor to the English colony in Florence. He was elected a Fellow of this Society in 1935.

In 1897 he commenced his study of Lepidoptera, in which he became a leading European authority. His major works include *Rhopalocera Palaearctica*, 1905-11, and *Le Farfalle diurne d'Italia*, 1940-53. In 1940 he contributed a large paper on the *athalia* group of the genus *Melitaea* to the Society's *Transactions*. He was also the author of *Les variations géographiques et saisonnières des papillons diurnes en France*, 1947-57, and contributed a large number of papers to Italian, French and German journals.

During the Second World War Dr. Verity suffered many hardships and privations but his important collection of Lepidoptera (bequeathed to the University of Florence) and also of oriental *objets d'art* (an interest inherited from his father) survived undamaged.

ALEXANDER JOHN WILEY was elected to the Fellowship in April, 1959 but died shortly afterwards, on 17th September. He was a member of the staff of the Veterinary Research Laboratory, Kabete, Kenya, and was interested in Lepidoptera and Diptera.



## BENEFACTIONS.

*List of Donations of the amount or value of Twenty pounds and upwards.*

1852.

Miss BROMFIELD, 67 volumes from the library of W. A. Bromfield.

1861.

H. T. STANTON, towards cost of alterations of premises, £25.

1864.

J. W. DUNNING, £123 5s.\*

1867.

The same, towards cost of publications, £105.

1868.

H. J. FUST, towards the cost of his paper on Geographical Distribution, £25.  
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1882.

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\* It has not always been possible to find the exact purpose for which the earlier money gifts were intended, but they appear to have been usually in support of the publications.

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## 1894.

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Prof. E. B. POULTON, towards cost of plates, £65.

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## 1906.

The same, towards cost of plates for R. Trimen's paper on African Lepidoptera, £20.

## 1908.

E. A. ELLIOTT (in this and subsequent years), Wytman's "Genera Insectorum."

## 1909.

CH. OBERTHÜR (in this and subsequent years), his "Lépidopterologie comparée."

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## 1919.

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Dr. R. STEWART MACDOUGALL, £110, being the cost of a bookcase and table for the Library, in memory of his wife.

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Mrs. EATON, a selection of books from the Library of her husband.

E. A. ELLIOTT, in continuation of his practice since 1908, Wytzman's "Genera Insectorum."

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THE IMPERIAL INSTITUTE OF ENTOMOLOGY, Locust Research Fund, £100, towards the cost of Dr. J. S. Kennedy's paper.

THE ROYAL SOCIETY, £80, towards the cost of Dr. O. W. Richards' paper.

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W. S. GILLES (bequest), £1600.

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THE ROYAL SOCIETY (on behalf of the Rockefeller Foundation Gift in aid of Scientific Publications), £50.

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THE ROYAL SOCIETY, £100, from the Government Publications Fund towards the cost of Dr. C. B. Williams' paper.

THE ROYAL SOCIETY, £100, from the Rockefeller Foundation Gift in aid of Scientific Publications.

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## 1944.

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THE EGYPTIAN GOVERNMENT, £115, towards the cost of Dr. A. A. G. Hassan's paper.

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## 1945.

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THE ROYAL SOCIETY, £250, from the Rockefeller Foundation Gift in aid of Scientific Publications.

## 1946.

THE ROYAL SOCIETY, £240, from the Government Grant in aid of Scientific Publications.

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Mr. H. E. ANDREWES, his entire library of works on Coleoptera.

## 1947.

THE ROYAL SOCIETY, £600, from the Government Grant in aid of Scientific Publications towards the cost of the *Handbooks on British Insects*.

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Mr. R. W. LLOYD, £116 7s. 9d., being the balance of the cost of the coloured plates illustrating the above paper.

Dr. F. L. VANDERPLANK, £52 10s. 4d., being the cost of the coloured and half-tone plates illustrating his papers in *Proceedings Series B*.



## 1950.

- THE ROYAL SOCIETY, £250, from the Government Grant in Aid of Scientific Publications towards the cost of the *Handbooks on British Insects*.
- THE ROYAL SOCIETY, £350, from the Government Grant in aid of Scientific Publications towards the cost of the paper by Dr. O. W. and Dr. M. J. Richards.
- HUGH MAIN (bequest), £958 11s. 2d.  
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                                   £2307 7s. 4d. 3 per cent. British Electricity Bonds, 1968/1973.
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- THE COLONIAL DEVELOPMENT AND WELFARE FUND, £150, towards the cost of publishing the paper by D. H. Colless in the *Transactions*.
- THE UNIVERSITY OF MALAYA, £50, towards the cost of the above paper.

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THE TEA RESEARCH INSTITUTE OF CEYLON, £50, towards the cost of publishing the paper by Dr. K. E. Schedl in the *Transactions*.













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